

COUNTY BUSINESS PATTERNS DATA

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April 1984

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This paper summarizes the data available on the County Business Patterns and the sources of this data. For each county there are data on the number of establishments, payroll and employment by industry classification and county location. These data are useful for analyzing market potential, analyzing the industrial structure of regions, making basic economic studies of small areas and other business uses.

Establishments

The statistics in County Business Patterns are tabulated in terms of "Establishments." An establishment is a single physical location where business is conducted, or services or industrial operations are performed. In other words, each branch plant, factory or set of administrative offices in a location are counted as separate establishments.

For businesses which have only one business location, or in other words one establishment, the data comes from the employer's quarterly federal tax return, treasury form 941. However, for businesses with branch plants or offices in more than one location, data are obtained on individual establishments from the Bureau of Census Annual Company Organization Survey. The data in County Business Patterns for branch plants are distributed by county and industry on the basis of the Annual Company Organization Survey. As a result, the number of employees shown for each industry reflects what actually is estimated to exist in each county regardless of the location of the central office.

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Prior to 1974 service industries which operated branch plants were tabulated as one "reporting unit." Since 1974, each of the branches would be counted as one establishment, so a business with seven branch offices would have shown one establishment prior to 1974 but show seven establishments in the post-1974 publications. For manufacturing industries each location was counted as a reporting unit prior to 1974 and as an establishment since then, so there are no differences for manufacturing units.

Number of Employees and Payroll by Industry

For each of the industries the number of employees for the week, including March 12, are reported using the data sources listed earlier or estimation techniques.

Payroll is reported for the first quarter and annually for each industry. The total annual payroll includes all forms of compensation which are subject to income tax withholding, such as salaries, wages, commissions, bonuses, vacation allowances, sick leave pay, and the value of payments in kind (such as free meals and lodging) paid during the year to all employees. Employees' tips and gratuities reported to employers are included.

Size of Establishments

The number of establishments is reported for each county by industry and by establishment size, and different employment size classes are used to indicate the number of establishments in each employment category. This information can be used to determine whether a plant in a particular county is above or below the typical plant size for this industry within the state. For example, a cheese factory (SIC 2022) in Ohio of 100 employees would be very large with only two larger ones in 1980 (Table 1). A cheese factory of 10 to 19 employees would have nine that were clearly smaller and eight that were clearly larger.

TABLE 1
COUNTY BUSINESS PATTERNS — OHIO

Table 1B. The State—Employees, Payroll, and Establishments, by Industry: 1980—Continued

(Excludes government employees, railroad employees, self-employed persons, etc.—see General Explanation for definitions and statement on reliability of data. Size class 1 to 4 includes establishments having payroll but no employees during mid-March pay period. D denotes figures withheld to avoid disclosure of operations of individual establishments, the other alphabetic indicate employment size class—see footnote.)

SIC code	Industry	Number of employees for week including March 12	Payroll (\$1 000)		Number of establishments	Number of establishments by employment size class									
			First Quarter	Annual		1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1000 or more	
2016	Poultry dressing plants	857	1 731	8 057	16	4	2	1	2	4	3	-	-	-	
2017	Poultry and egg processing	257	593	2 809	6	1	-	1	2	2	-	-	-	-	
202	Dairy products	9 412	35 661	150 854	122	16	13	21	21	20	23	6	2	-	
2021	Creamery butter	72	281	967	5	1	-	3	1	-	-	-	-	-	
2022	Cheese, natural and processed	1 227	3 556	14 837	23	5	4	6	2	3	1	2	-	-	
2023	Condensed and evaporated milk	(G)	(D)	(D)	11	1	1	-	4	1	3	-	-	1	
2024	Ice cream and frozen desserts	809	2 991	13 594	24	6	4	2	7	3	2	-	-	-	
2026	Fluid milk	6 175	23 927	99 456	58	3	4	9	7	13	17	4	1	-	
203	Preserved fruits and vegetables	8 759	68 596	284 880	79	16	11	15	13	8	7	4	1	-	
2032	Canned specialties	(G)	(D)	(D)	8	2	2	2	-	-	-	1	-	-	
2033	Canned fruits and vegetables	2 211	45 834	194 293	35	6	3	7	11	3	2	2	1	-	
2034	Dehydrated fruits, vegetables, soups	(B)	(D)	(D)	4	2	-	1	-	1	-	-	-	-	
2035	Pickles, sauces, and salad dressings	504	1 340	6 988	17	7	3	4	1	-	2	-	-	-	
2037	Frozen fruits and vegetables	(G)	(D)	(D)	4	-	1	1	1	-	-	-	-	-	
2038	Freezer specialties	1 843	5 839	19 109	11	1	2	-	-	4	3	1	-	-	
204	Grain mill products	4 408	21 100	88 212	88	13	22	12	18	10	6	4	1	-	
2041	Flour and other grain mill products	407	1 789	7 461	10	-	2	1	4	2	1	-	-	-	
2043	Cereal breakfast foods	(F)	(D)	(D)	2	-	-	-	-	-	-	1	1	-	
2045	Blended and prepared flour	569	2 614	10 761	9	2	-	-	2	4	1	-	-	-	
2046	Wet corn milling	(E)	(D)	(D)	5	1	1	1	-	1	1	-	-	-	
2047	Dog, cat, and other pet food	1 228	6 052	24 606	13	1	3	2	3	1	-	3	-	-	
2048	Prepared feeds, nec	1 003	4 004	16 894	47	9	16	8	9	2	3	-	-	-	
205	Bakery products	10 956	42 865	185 901	103	14	13	16	14	11	23	8	4	-	
2051	Bread, cake, and related products	8 689	35 110	149 727	88	12	11	15	9	11	20	8	2	-	
2052	Cookies and crackers	(G)	(D)	(D)	14	2	2	1	4	-	3	-	-	-	
206	Sugar and confectionery products	2 436	6 893	29 215	53	14	8	9	12	3	4	3	-	-	
2063	Boat sugar	(E)	(D)	(D)	2	-	-	-	-	-	2	-	-	-	
2065	Confectionery products	1 944	5 516	23 370	44	12	6	8	11	3	1	3	-	-	
2066	Chocolate and cocoa products	(C)	(D)	(D)	4	-	2	-	1	-	1	-	-	-	
207	Fats and oils	2 161	10 686	44 262	25	3	3	3	4	7	3	1	1	-	
2075	Soybean oil mills	448	1 997	8 518	7	1	-	1	1	2	2	-	-	-	
2077	Animal and marine fats and oils	550	2 475	9 147	14	2	2	2	3	5	-	-	-	-	
2079	Shortening and cooking oils	1 163	6 215	26 597	4	-	1	-	-	-	1	1	1	-	
208	Beverages	9 927	42 893	182 009	99	19	6	7	22	14	21	7	2	-	
2082	Malt beverages	1 676	11 051	44 020	3	-	-	-	-	-	-	2	-	-	
2084	Wines, brandy, and brandy spirits	149	154	458	10	7	2	-	-	1	-	-	-	-	
2085	Distilled liquor, except brandy	(F)	(D)	(D)	3	-	-	-	-	-	2	-	-	-	
2086	Bottled and canned soft drinks	6 806	25 217	112 066	66	6	-	5	20	11	18	5	1	-	
2087	Flavoring extracts and syrups, nec	(E)	(D)	(D)	17	6	4	2	2	2	1	-	-	-	
209	Misc. foods and kindred products	5 194	16 885	69 149	117	23	19	28	21	10	14	1	1	-	
2092	Fresh or frozen packaged fish	523	1 618	5 190	6	2	2	-	-	1	1	-	-	-	
2095	Roasted coffee	845	2 980	12 914	8	-	1	2	3	-	-	-	-	1	
2097	Manufactured ice	95	231	1 311	11	3	4	4	-	-	-	-	-	-	
2098	Macaroni and spaghetti	208	692	2 585	10	4	1	-	4	1	-	-	-	-	
2099	Food preparations, nec	3 523	11 364	47 149	82	14	11	22	14	8	12	1	-	-	
21	Tobacco manufactures	(C)	(D)	(D)	3	1	-	-	-	1	1	-	-	-	
211	Cigarettes	(A)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
212	Cigars	(C)	(D)	(D)	1	-	-	-	-	-	1	-	-	-	
213	Chewing and smoking tobacco	(B)	(D)	(D)	2	1	-	-	-	1	-	-	-	-	
22	Textile mill products	6 299	21 985	85 779	74	17	10	5	16	9	11	4	2	-	
221	Weaving mills, cotton	(B)	(D)	(D)	1	-	-	-	1	-	-	-	-	-	
222	Weaving mills, synthetics	25	60	254	5	2	3	-	-	-	-	-	-	-	
223	Weaving and finishing mills, wool	(C)	(D)	(D)	3	2	-	-	-	-	1	-	-	-	
224	Narrow fabric mills	(E)	(D)	(D)	4	-	1	1	-	-	2	-	-	-	
225	Knitting mills	1 651	4 088	17 096	12	2	-	-	4	1	3	1	1	-	
2253	Knit outerwear mills	1 274	3 210	13 815	7	-	-	-	2	1	3	1	1	-	
2254	Knit underwear mills	(E)	(D)	(D)	2	1	-	-	-	-	-	1	-	-	
2259	Knitting mills, nec	(B)	(D)	(D)	2	-	-	-	2	-	-	-	-	-	
226	Textile finishing, except wool	(F)	(D)	(D)	7	3	1	1	-	1	-	1	-	-	
2261	Finishing plants, cotton	(B)	(D)	(D)	4	2	1	-	-	1	-	-	-	-	
2269	Finishing plants, nec	(F)	(D)	(D)	2	-	-	1	-	-	-	1	-	-	
227	Floor covering mills	130	502	1 703	5	1	-	-	4	-	-	-	-	-	
2272	Tufted carpets and rugs	(B)	(D)	(D)	2	-	-	-	2	-	-	-	-	-	
2279	Carpets and rugs, nec	(B)	(D)	(D)	2	-	-	-	2	-	-	-	-	-	
228	Yarn and thread mills	(B)	(D)	(D)	3	-	2	-	1	-	-	-	-	-	
229	Miscellaneous textile goods	3 220	13 678	52 048	32	6	3	3	6	7	5	2	1	-	
2291	Felt goods, exc. woven felts & hats	(C)	(D)	(D)	2	-	-	-	1	-	1	-	-	-	
2292	Lace goods	(B)	(D)	(D)	1	-	-	-	-	1	-	-	-	-	
2293	Paddings and upholstery filling	560	2 064	7 420	3	-	-	-	-	1	1	1	-	-	
2294	Processed textile waste	53	149	595	6	2	2	1	1	-	-	-	-	-	
2295	Coated fabrics, not rubberized	2 222	10 178	39 559	17	1	1	2	4	5	2	1	1	-	
2298	Cordeage and twine	(C)	(D)	(D)	1	-	-	-	-	-	1	-	-	-	
23	Apparel and other textile products	18 512	51 084	209 363	303	72	50	49	56	28	33	10	3	-	
231	Men's and boys' suits and coats	3 267	8 611	34 214	8	-	1	1	1	-	-	3	1	-	
232	Men's and boys' furnishings	2 244	4 729	21 501	26	3	1	4	-	8	8	2	-	-	
2321	Men's and boys' shirts and nightwear	(E)	(D)	(D)	3	-	-	-	-	1	2	-	-	-	
2323	Men's and boys' neckwear	(E)	(D)	(D)	2	-	-	1	-	-	-	1	-	-	
2327	Men's and boys' separate trousers	715	1 289	5 609	6	-	-	-	-	1	5	-	-	-	
2328	Men's and boys' work clothing	282	557	2 385	5	-	-	2	-	3	-	-	-	-	

A: 0-19, B: 20-99, C: 100-249, E: 250-499, F: 500-999, G: 1,000-2,499, H: 2,500-4,999, I: 5,000-9,999, J: 10,000-24,999, K: 25,000-49,999, L: 50,000-99,999, M: 100,000 or more

Source: County Business Patterns—Ohio 1980

Changes Over Time

The County Business Patterns can give a quick picture of the changes that are occurring over time. Table 2 shows the changes in Lorain County, Ohio from 1965 to 1980 by major industrial categories. The County Business Patterns for each year provides more detail on specific sectors (Tables 3 and 4). A further use is to examine the number of firms in each employment size (Table 5).

TABLE 1
LORAIN COUNTY EMPLOYMENT TRENDS
1965-1980

Industry	Year			
	1965	1970	1975	1980
Farming	1,922	1,520	1,301	1,305
Mining	NA	NA	37	10
Construction	2,556	3,897	2,309	3,099
Manufacturing	33,267	36,338	37,688	40,861
Transportation/Utilities	2,044	2,157	2,154	3,011
Retail and Wholesale Trade	9,527	13,648	15,595	17,091
Finance, Insurance, Real Estate	1,526	2,185	2,362	3,181
Other Services	<u>7,520</u>	<u>9,837</u>	<u>11,769</u>	<u>15,933</u>
Total	58,317	69,698	74,517	84,842

Source: County Business Patterns--Ohio, 1965, 1973, 1975 and 1980.

Farming employment estimates count all operators, full-time hired labor, and season labor adjusted to an annual equivalent. Data are from the Census of Agriculture--Ohio, 1964, 1969, 1974 and 1978.

Prepared by George Morse, Community Resource Economist, Community Economics Program, Ohio Cooperative Extension Service, The Ohio State University, April 12, 1984.

TABLE 3
LORAIN COUNTY MANUFACTURING
EMPLOYMENT TRENDS, 1965-1980

Industry	Year			
	1965	1970	1975	1980
Food Processing (20)	492	491	422	474
Printing (27)	572	678	1,026	787
Chemicals (28)	NA	1,740	1,104	2,992
Rubber and Plastic (30)	472	449	844	844
Stone, Glass and Clay Products (32)	583	711	468	417
Primary Metal Industries (33)	9,906	9,514	10,650	11,165
Fabricated Metal Products (34)	6,577	6,853	6,272	7,932
Machinery, Except Electrical (35)	2,066	2,549	2,959	4,134
Electrical Machinery (36)	1,221	1,822	1,479	1,636
Transportation Equipment (37)	8,845	9,077	11,798	9,773
Miscellaneous Manufacturing (39,23,26)	<u>2,533</u>	<u>2,454</u>	<u>616</u>	<u>707</u>
Total	33,267	36,338	37,688	40,861

Source: County Business Patterns--Ohio, 1965, 1970, 1975 and 1980.

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TABLE 4
LORAIN COUNTY SERVICE
EMPLOYMENT TRENDS, 1965-1980

Industry (SIC)	Year			
	1965	1970	1975	1980
Transportation/Utilities	2,044	2,157	2,154	3,011
Trade	9,527	13,648	15,595	17,091
Finance, Insurance, Real Estate	1,526	2,185	2,362	3,181
Other Services				
Hotels and Lodging (71)	229	246	720	593
Personal Services (72)	859	1,058	922	898
Business Services (73)	246	734	581	935
Auto Repair (75)	387	346	438	445
Miscellaneous Repair (76)	156	154	286	313
Motion Pictures (78)	NA	NA	56	106
Amusement and Recreation (79)	586	467	591	812
Health Services (80)	2,811	3,877	5,132	6,907
Legal Services (81)	116	140	199	260
Educational Services (82)	905	1,117	994	2,265
Social Services (83)	NA	NA	379	516
Membership Organizations (86)	757	1,253	914	1,246
Miscellaneous (89 & 07)	<u>262</u>	<u>349</u>	<u>283</u>	<u>523</u>
Total - Other Services	<u>7,314</u>	<u>9,741</u>	<u>11,495</u>	<u>15,819</u>
Total - All Services	20,411	27,731	31,606	39,102

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TABLE 5
LORAIN COUNTY ESTABLISHMENTS
AND EMPLOYMENT, 1981

Industry	Number of Employees				Total Employees
	Under 20	20-99	100 and Over	Total	
Farming	1,085	0	0	1,085	1,305
Mining	2	1	1	4	175
Construction	337	19	3	359	2,527
Manufacturing	167	77	50	294	36,998
Transportation/Utilities	97	21	6	124	2,409
Trade (Wholesale and Retail)	1,190	175	11	1,376	16,098
Finance, Insurance, Real Estate	354	20	3	377	3,256
Other Services	<u>1,124</u>	<u>77</u>	<u>15</u>	<u>1,216</u>	<u>15,534</u>
Total	4,355	390	89	4,835	78,302

Source: County Business Patterns--Ohio, 1981.

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